

SMT CLEAN MACHINE

teknek



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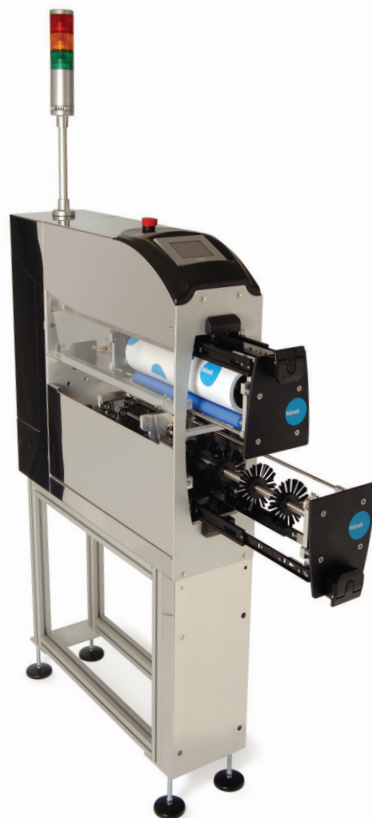
The NEW 2009 SMT Clean Machine from Teknek has been specifically designed to remove contamination from bare boards before solder paste, adhesive application and after laser marking. The design of the machine will ensure full integration into all SMT lines, providing your process with the best contact cleaning system in the world.

The machine uses the proven Teknek elastomer contact cleaning rollers and Teknek pre-sheated adhesive roll, the most efficient cleaning core and yield improvement system on the market. The elastomer rollers will lift dry unattached particles down to 1 micron in size and then transfer them to the pre-sheated adhesive roll. When the Teknek adhesive is full of contamination a layer is easily removed and the roll is refreshed.

SPECIFICATION

Available in different cleaning widths	300 - 400 - 600
Operating modes	Double Sided - Bypass Single Sided - Bypass
Processing Speed	2 - 40 m/min
Pass line height	900 +- 50mm
Power Supply	Universal Power supply
Pneumatic Pressure required	5 - 7 Bar " Oil free air "

Note: The standard SMT machine will process boards from a minimum of 40mm wide and 120mm long.



FEATURES

BENEFITS



Access to the Teknek Cleaning Core " TCC "

The operator has full access to both the Elastomer Cleaning Rollers and the Teknek Pre-Sheeted Adhesive Rolls . This feature ensures the SMT Clean Machine can be fully integrated into the production line.



Internal Conveyor System

The internal conveyor system supports the edges of the board throughout the cleaning process. This SMT industry standard method of transporting the board through the machine allows for any width of board to be processed.

Note: Different types of Product Guides are available depending on the material to be processed.



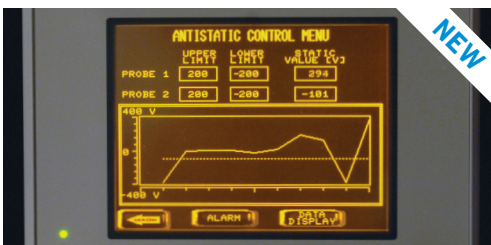
Touch Screen interface

This new easy to use, multilingual touch screen panel is the interface between the operator and machine. The customer has the ability to save different programmes for a variety of boards, this feature speeds up the change-over period, reducing down time.



Board Support System

This new feature is a unique, fully adjustable support system ensuring the boards being processed are held in contact with the top cleaning module regardless of width and /or thickness.



Anti Static Monitoring

This optional feature can be set to stop the machine and alarm if the static charge on the surface of the exiting board is above the customers' set limits. These limits can be adjusted and stored within the machine software and displayed on the touch screen.

Note: This system is only a guide to the general levels of static on the surface of the material.



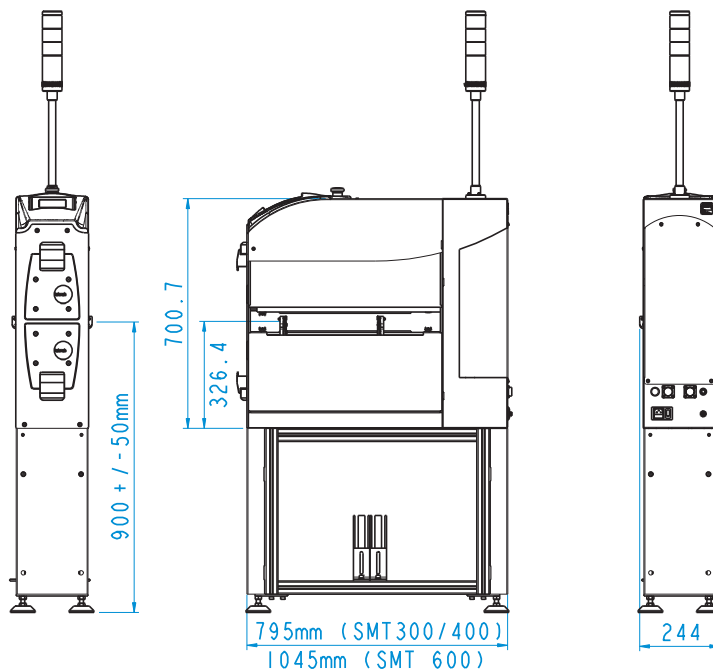
Alarm Beacon

The staged Alarm Beacon ensures at all times that the operator is aware of the running condition of the machine. It is also available as an extended version, raising the light tower some 800mm above the top surface of the machine. A built in volume control allows the customer to set it to the required noise level.

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TECHNICAL SPECIFICATION



Note: The standard SMT clean machine has a cleaning width of 400mm. It is also available with a cleaning width of 300mm and 600mm.



Maintain the Teknek cleaning core performance with Teknek pre-sheeted adhesive rolls. Reduce operator injuries as there is no need for knives. Reduce scrap as the operator only removes one layer of adhesive at a time.

Order your replacement Teknek sheeted adhesive rolls at www.teknek.com



Teknek elastomer rollers, main components within "The Teknek Cleaning Core" are manufactured in our own production facility. Our in-house team of chemists, engineers and designers work together to ensure the elastomer rollers made are the best in the world.

Order your replacement Teknek elastomer rollers at www.teknek.com

WORLD LEADER IN CONTACT CLEANING

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